

Summer Rearing Capacity				
Prescription Watershed	Existing CE %	Alternative 1	Alternative 2	Alt. 2 % Change
Falls Creek				
Island Creek	55.25	80	79	1%
Upper American River	27	95	95	0%
Upper Main Horse Creek				
O'hara True Watershed	17.36	98	98	0%

Winter Carrying Capacity				
Prescription Watershed	Existing CE %	Alternative 1	Alternative 2	Alt. 2 % Change
Falls Creek				
Island Creek	55.25	15	15	2%
Upper American River	27	50	49	2%
Upper Main Horse Creek				
O'hara True Watershed	17.36	55	52	5%

Change in Cobble Embeddedness				
Prescription Watershed	Existing CE %	Alternative 1	Alternative 2	Alt. 2 % Change
Falls Creek				
Island Creek	55.25	55	56	1%
Upper American River	27	27	28	3%
Upper Main Horse Creek				
O'hara True Watershed	17.36	17	19	9%

DID NOT RUN FOR FALLS CREEK - Inappropriate Channel Type for measuring cobble embeddedness

FISHSED Runs using NEZSED Inputs low coeff.

Run Date: 1-Sep-2020

Date CE measured:

FISHSED Channel Type

sthd

b chan

Response Curve Equation Constant(s) based on Channel Type & Species

0.034

Existing CE

0 *insert existing CE from project stream here*

Alt 2- % Sediment over Base by Alternative (NEZSED Result)

0 *insert NEZSED results here*

Cobble Embeddedness

Predicted

0

Existing

0

Change in Habitat Quality
#DIV/0!

Summer Rearing

100.00

100.00

0%

Winter Carrying

100.00

100.00

0%

FISHSED Runs using NEZSED Inputs low coeff.

Run Date: 1-Sep-2020
Date CE measured: 2014

FISHSED Channel Type	sthd		
Response Curve Equation Constant(s) based on Channel Type & Species	b chan		
	0.034		
Existing CE	55.25	insert existing CE from project stream here	
Alt 2- % Sediment over Base by Alternative (NEZSED Result)	6	insert NEZSED results here	
	Predicted	Existing	Change in Habitat Quality
Cobble Embeddedness	55.79	55.25	1%
Summer Rearing	79.10	79.52	1%
Winter Carrying	15.00	15.28	2%

FISHSED Runs using NEZSED Inputs low coeff.

Run Date: 1-Sep-2020
Date CE measured: 2020

FISHSED Channel Type	chin		
Response Curve Equation Constant(s) based on Channel Type & Species	c chan		
	0.026		
Existing CE	27	insert existing CE from project stream here	
Alt 2- % Sediment over Base by Alternative (NEZSED Result)	8	insert NEZSED results here	
	Predicted	Existing	Change in Habitat Quality
Cobble Embeddedness	27.72	27	3%
Summer Rearing	95.06	95.33	0%
Winter Carrying	48.64	49.56	2%

DID NOT RUN FOR HORSE CREEK - Inappropriate Channel Type for measuring cobble embeddedness

FISHSED Runs using NEZSED Inputs low coeff.

Run Date: 1-Sep-2020

Date CE measured:

FISHSED Channel Types

Response Curve Equation Constant(s) based on Channel Type & Species

sthd

b chan

0.034

Existing CE

insert existing CE from project stream here

Alt 2- % Sediment over Base by Alternative (NEZSED Result)

insert NEZSED results here

	Predicted	Existing	Change in Habitat Quality #DIV/0!
Cobble Embeddedness	0	0	
Summer Rearing	100.00	100.00	0%
Winter Carrying	100.00	100.00	0%

FISHSED Runs using NEZSED Inputs low coeff.

Run Date: 1-Sep-2020
Date CE measured: 2019

FISHSED Channel Type	sthd		
Response Curve Equation Constant(s) based on Channel Type & Species	b chan		
	0.034		
Existing CE	17.36	insert existing CE from project stream here	
Alt 2- % Sediment over Base by Alternative (NEZSED Result)	18	insert NEZSED results here	
	Predicted	Existing	Change in Habitat Quality
Cobble Embeddedness	18.98	17.36	9%
Summer Rearing	97.78	98.17	0%
Winter Carrying	52.45	55.42	5%